

TCTGTTGCACCCCTGGACCCAGACTCCTCAATCCACCCAGGGTGGTGTCTGTGG  
GGAGGGGGGTTCACTTCCCCAGGAAGCACAGCCACGCCGTCCCTCACTGGCCT  
CGTCAAGCAGAGCTGTGTCCAGTGGCTTTGCTGGGGCCCCCTCCTTATCT  
CCTTCCAAGGTGGGGGTGTTGGAGGTGGAGGAGGCTTCATATTCCGTGCC  
ATGACCCCTCAAGGCAGGCCATTGTGCACCCCTCCACCCCCAGT

FIG. 1

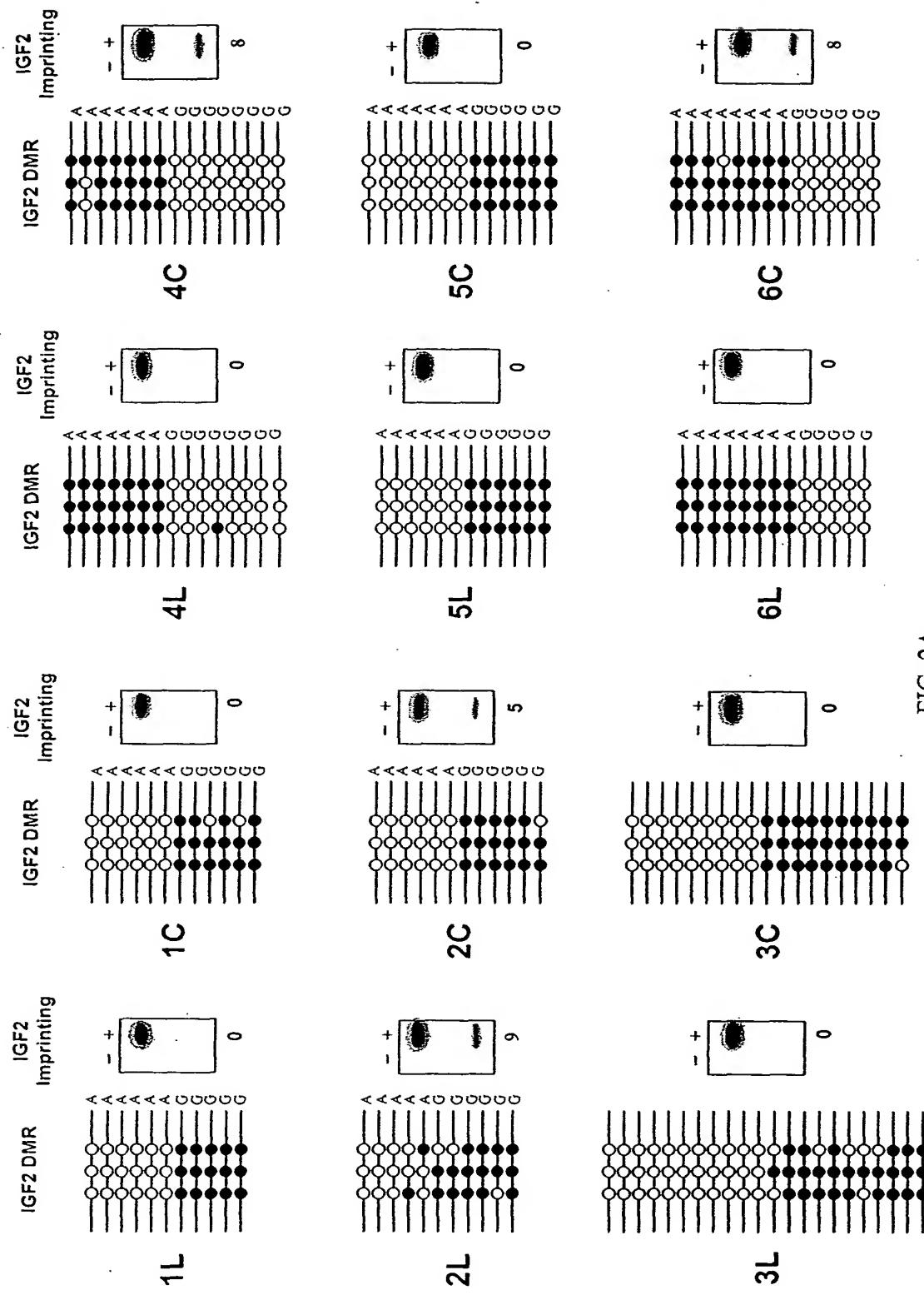


FIG. 2A

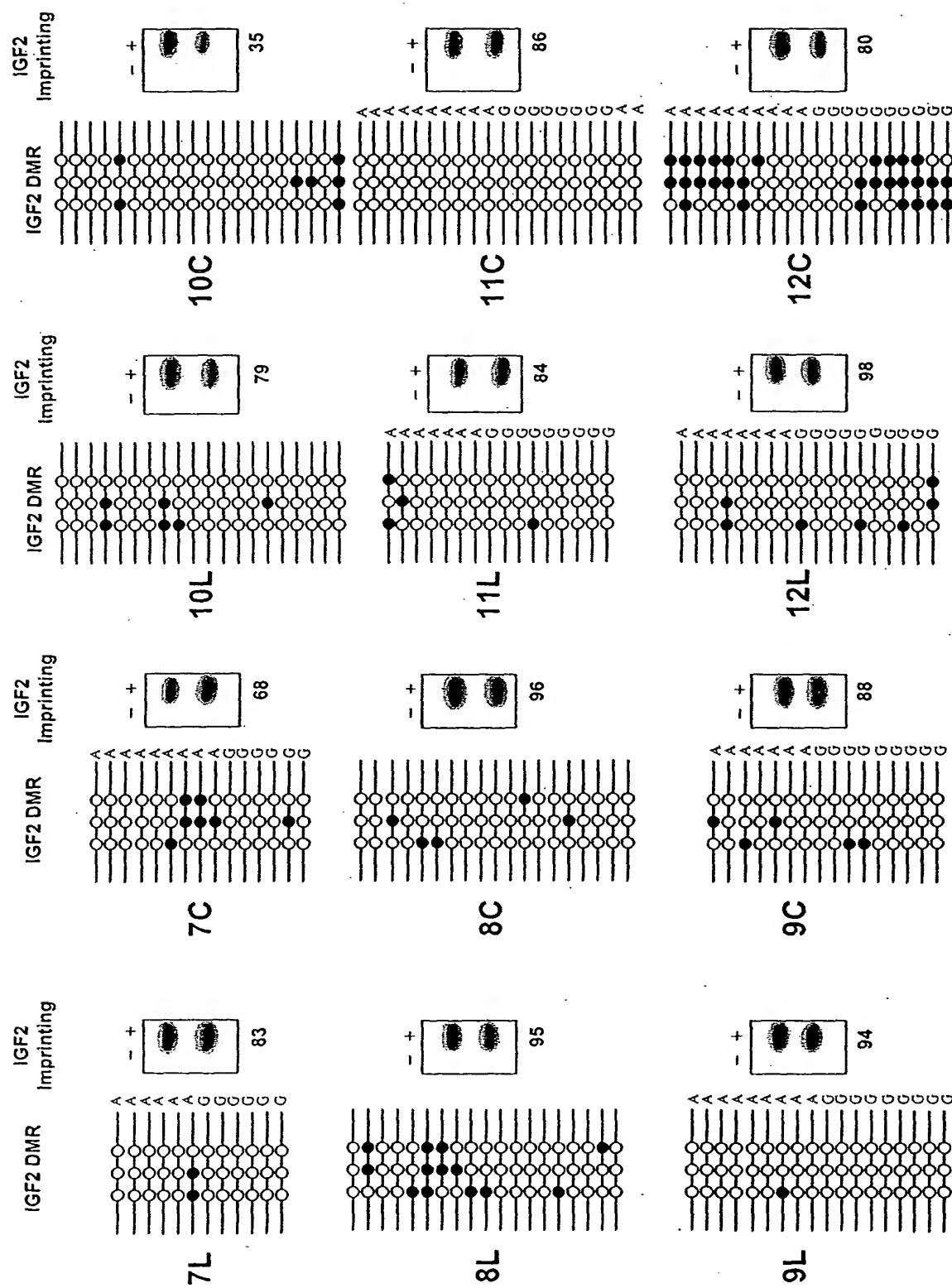


FIG. 2B

GCAACAGTGTAACTCTAGGAGCAATTGAGGAGGTTAAAAATCTTC  
 AGCCTCCAGATGTGACTCCATGACTCCTAAACCATAATTCTAAATCTGT  
 GGCTAATTGTTAGTCCTGAAAGCTAGTCCCAGGCAGGAAGAGGGTCT  
 GTCCTGGGAAAGGGCTGTTATTGTCCTTGTCAAAGATAAAACTATAAACT  
 AAGTTCTCCCAAAGTTAGTCCAGCCTGCACCCAGAAATGAATAAGAAGG  
 CAAGACAGAGTTGGTACGTCAGATCTCTTCATTGTCATAATTCTGTT  
 ATATATTTTTTTTGAGACAGAGTTCGCTTTATCATCCAGGCTGGA  
 GTCCAATGGCTCGATCTGGCTCACTGCAACCTCCACCTCCGGAGTTCCAG  
 TGATTCTCCTGCCTCAGCCTCCAAGTAGCTGGGATTACAGGCGCCACCA  
 CCATGCCAGCTAATTGTTAGTAGAGATGGGATTTCGTCAAGGT  
 TGGCCAGGTTGGCTTGAACCTCTGACCTCAGGTGATCCACCCACCTCGGC  
 CTCCCAAACGTGGGATTACAGGCATGAGCCACCATGCCGGCCGATT  
 TCTGTAATAATTGTCAGAGGCAGTTTCAACCAGGAGAACCAAGCATTAA  
 TGCCTGTGGCTGATGTGTTAGTAGAGCGGCATTCCAATGGGAGAACCC  
 TGGGGCTGTCTAGGAGCCCAGTGCATGGCTGGGAGCCTAATCCCAGGGACA  
 CCACCGATGACAGCTCCATAGCACGTAGGACAGTGGATACTTGGAGGGCA  
 AAGAGAAATCTCTGTTCTGCACTGGTATGACTGGACCCAAAGAACCT  
 GAGCCCAAGGTCCAGAGGGAGACCCCTCCAACAAGGCCTCCAGCAGGAA  
 CAGGGATCGTGGGAGCCTGCCAAGCACAGCGCACAGGTATTCTGGAGGC  
 TTCCCATTCACTGGATGCCAGCCTCACCAAGGGCGGCCATCTGCTG  
 ACCTCACCAAGGGAGGCCGTCTCACTGCCCTGATGGCGCAGAACATGGCT  
 GTACGTGTGAATCAGAAGTGGCCGCGGGCAGTCAGGCTCACACA  
 TCACAGCCCAGCAGCCTGGCTGGGTTCAACCACAGAAACGTCCAGG  
 TCTCCCAGGCCAGGTGCCGCATTGGTCCCGAGGGTTGTCAAGAGATAGAC  
 ACTCATGCGACTAACATCGGGCTATGTGTTGATTCAACCCAGGGTCATT  
 GTTGAAGGTTGGGAGATTGGAGGAGATGCTTGGGGGACAATGAGGTGTC  
 CCAGTTCTGGATGATAGGGATCTCGGCCTAACGCGTAGAGACCCCTCTAC  
 AGGGTCTCTGGCAGGCACAGAGCCTGGGGCTCTGCAAGCACATGTGT  
 ATTCTGGAGGCTTCCCCTCGGTCTCACCGCCCCGATGGTCAGAACATGG  
 TTGTAGTTGTGGAATCGGAAGTGGCCGCGCGCAGTGCAGGCTCCCA  
 CATCACAGCTCAAGCCCAGCTGAGGTTCACCCCGGAAACGTCCC  
 GGGTCACGCAAGCTAGGTGCCAAGGTTCACGGGGTAGTGAGGGATA  
 GAACACTCATGGGAGGCCACATTGGGCTACGTGTCATTCAACCCAGGGT  
 GCACTATTGAGGGTTGGGAGATGAGATACTTGGTACAATGAGGTGTC  
 CCCATTCTGGATGATGGGATCTCGGCCTCACCGTAGGCTGGGGCTCCAC  
 AGGGTCTCTGGCAGGCACAGAAACTGGGGCTCTGCGTAGCACATGGGT  
 ATTGTGGACGCTTCCCCTCTGTCACCACCCGGATGGCACAGAACATGG  
 TTGTAAGTGTGGACTCAAAAGTGGCCGCGCGCAGTGCAGGCTCACA  
 CATCACAGCCCAGCCCTCCCTGGATGGGTTGCCCGGGAAACGTCT  
 GGGTCACCCAAGCCAGGTGCCAGGGTTCTCGGAGGTCTTCTGGGATA  
 GGACGCTCATGGGAGGCCACACCACGTCTCGTATCGGGCATATCCACGG  
 CCGCGTGGCCCCAGGTACACTCTGAGGGCTTCAGTGTATGGCCTGGGA  
 CTCAAGTCACGCCTACCCCGGTGATGAGCACAGCAAATTCCAACAAAAGC  
 TTATACTTCCACATCCATCCCAGAGCACAGATCCGACTAAGGACAGCCC

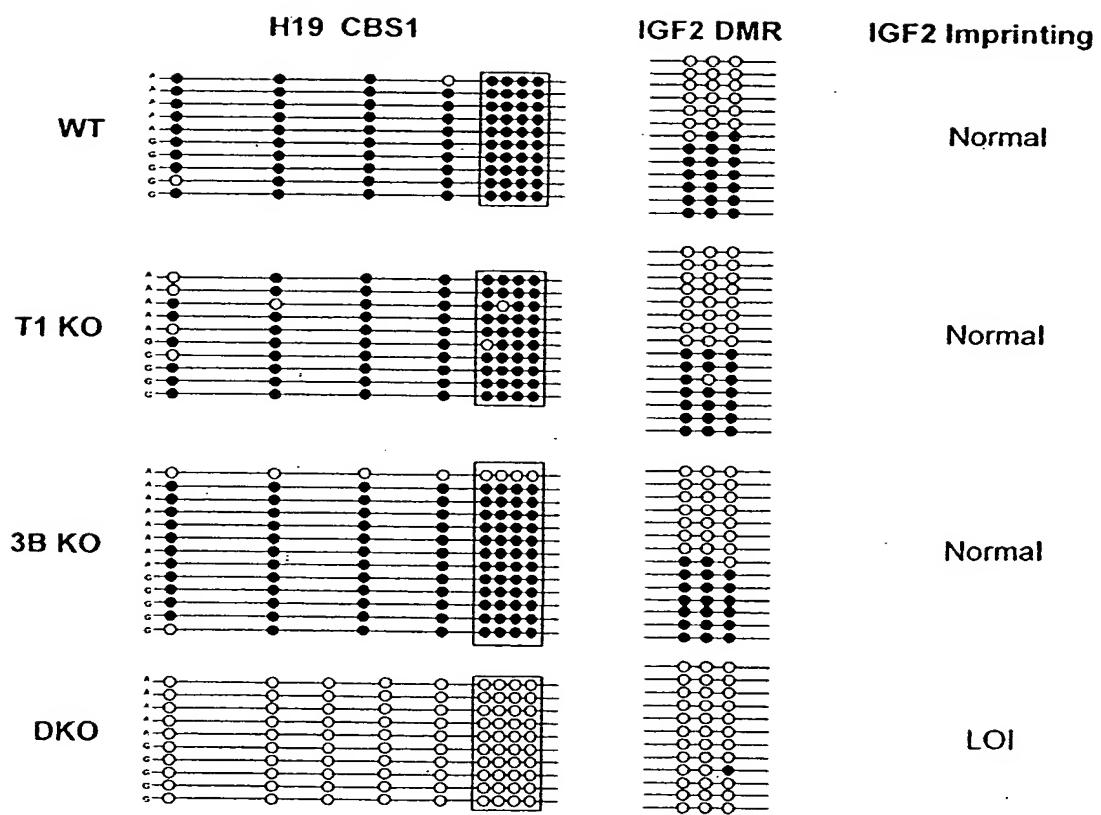
FIG. 3-1

CCAAATCCCGAGCCTTTCTGAAC TGACAATTGCCTCCCCAGTGAACACT  
 CTGAGCTTGTCAATCTTAAGTGGCCAGACATTAACATTCCCATTCACTGCA  
 GGTTT GAGATGCTAATTAGGAGCTTGAGATGCTAAAGAGCTGGGAGTG  
 CACTGCTGCTTATTCTGGGTCTAGGATCCTGTGTTGGCTGAGATAATC  
 TGCTAATGTGGGTGCAGCAGACATCCCAGGTTGTGGAATCGATAAAGG  
 ATGGGGATCAATGGTGTGACTGTGCGGTCTGTGCCAATTGCCTGC  
 CTTGTGCTGTGGAATCTGTACACCTGGCAACATGTGTTGTGAGCCTG  
 ACAGTGCATTTCCAGAGCCTCACCTCGGCTCTGCCCTGGAGGCTGTG  
 TGCTGGAATCAGACTCAAGGACCTCATCAGAGGACCATGGCCCCGTATCA  
 CCTGGGTCAAGGCACTGAAGCTGGGACAGGAGAGCAGAGACTTCCAAAAT  
 GAGGGATCCCTGTGTTCTGAGGTGATCATGACTGGGACCCAAGGACTCAA  
 GCGCATGCTCCAGAGGGAATCGTTCCCACAAGGCCTTGGCAGGAACAG  
 GGATCCTGGGAGCCTGCCAAGCAGAGCGCACAGTGTCTGGAGTCTCG  
 TGCCCAGATGCCACCGAATCAGTTGAAGGTATGAAACACAGGTGGCCAC  
 GTGGTAGCAGGGCAGGCTCAGGCGTCATAGCCCAGGCCAGGCACCGCATTGG  
 GTTGCCTGCAGAAACATCCCGGGTCAACAGGCCAGGCACCGCATTGG  
 CGCGAGGGTCATCGGGGGTAGGACCTGTACGAGCCACATCGGCTACG  
 TGCCTGATTCAACCCAGGGTGCACTGTTGAAGGTGGGGAGATGAGAGGA  
 GATACTTGGGGGACAGTGAAGTGCCCCATTCTTGGATGATGGGATCT  
 CGGCCTCAGCGTGAGACCCCTCCCACAGGGTCTGGCAGGCTCAAGAGC  
 CCAGGGGCTTGCATAGCACATGAATATTCTGGAGGCTTCCCTCAGT  
 CTCACCACCCGGATGGTGCAGAATTGGTTAGCTGTGGAATCGGAAGTG  
 GCCCGTGGCGGCAGTGCAGGCTCACACATCACAGCCCAGGCCACCCCA  
 GCTGGGGTTCGCCCGCGGAAACGTCCCAGGTCCCGCAAGCCAGGCGCCGC  
 AGGGTTACGGGGGTATCAGGGATAGGACATTCAATGGGAGCCACATCG  
 GCTATGTGCTGATTCAACCCAGGGTGCACTATTGAGGGTTGGGAAGATG  
 AGAGGAGATGTTGGGGACAATGAAGTGCCCCATTCTTGGATGATGG  
 GGATCTTGGCCTCAGGGTGAGATCCTTCTGCAGGGTCTATGGCAGGCAC  
 AGAGCCCAGGGGCTTGCATAGCACATGTGATTCTGGAGGCTTCC  
 TCAGTCTCACCGCCGGATGGCACCGAATTGGTTAGTTGTGGAATCG  
 AGGTGGCTGCGCGCGCAGTGCAGGCTCACACATCACAGCCCAGGCC  
 CCCCAGCTGGGTTGCCCGTGAAACATCCCAGGTATCCAAGGCCGGC  
 GCCACAGGGTTCACAGGGTCGTGAGGTATAGGACACTCATGGGAGCCAT  
 ATCGGGCTACGTGCTGATTCAACCCAGGGTGCAGTGTGAAAGGTGGGG  
 AGATGGGAGGAGATACTAGGGACAATGAGGTGCCCCAGTTCCATGGAT  
 GATGGGGATCTCGCCCTAGTGTGAAACCCCTCTCGCAGGGTCTCTGG  
 GGCACAGAGCCCAGGGGCTTGCATAGCACATGGGTATTCTGGAGGCT  
 TCTCCTCGGTCTCACCGCCGGATGGCACCGAATTGGTTAGTTGTG  
 ATCGGAAGTGGCCCGCGCGCAGTGCAGGCTCACACATCACAGCCC  
 GCCCGCCCCAACTGGGTTGCCCGTGAAACGTCCCAGGTACCC  
 CACCGCGTCGCAAGGGTTCACGGGGTCACTGGGAATAGGACACTCATAG  
 AGCCGCACCAGATCTCAGGTGGCATTATCCACAGCCCCGTGGCCCC  
 GGTACACTCCGAGGGCTTCAGTGTGATGGCCTGGGACTCAAGTCACGCC  
 TACTTATGTGATGATCACAGTGTGTTCCACCAAAATCTTACATTTCCACA

FIG. 3-2

TCTATCCCAGAGCACAGCTCCGACTCCGCTAAGGACAGCCCCAAATCC  
 CCAGCCTTTACTGAACTGACAATTGCCTCCCCAGTGAACACTCTGATCTC  
 CTCAGCCCTAAGTGGCCAGACATTAACATTCTCATTCAATGCAGGTTGAG  
 GTGCTAATTCAAGGAGCTTAAGATGCTAAAGAGCTGGGAGCGCCACTGCTG  
 CTTTATTCTCTGGTCCAGGATCCTTGTGCTGGAGATAATCCATTATCGT  
 GGGTGCAGCAGACACCCCTGCGGCTTGTGGACTCGGTACGGGTGGGATC  
 CTGATGGGGTTAGGATGTTGATGGCTCGGGTGTGCTCCACGCTCAGGGA  
 TCATCACGTCCGGCCGGCGGTAGTTGGCACGTGGAGAGGTGAATTGCC  
 ACAGGTGTTCCCCGTGCCTGCGCATTGCTGGCAGCACGACCGGATCCTGT  
 GCTAGCCCCCTCCCACAATGCCTGGAGCAGGAGCGAGGGGCTGGGAGCC  
 GCCTTGCCTGGAGCATTGTATTCCGGAGTATTCTGAGTCTCCCCCTG  
 GGTCTGGGTGCTGTCCCCAGTGAGCCCATCTCCCAGCGATGGCACAGAA  
 TCGGTTGTGGCTGTGGAGACGGAAATGGCCGAGAGGCAGTGGTACT  
 CACATCACAGTCTGAAGGTGACCCAAGGCTGGACTCCACTTTAGCAAAA  
 TGTTGGGGTCTGCCTTGGTCTCTAACTTGGGGTCCACTCATGGAAAAGC  
 CTGAGAATTTCATGCCATGGAAATTCCCCCATGTCGTGGGTTACGCAC  
 GACAAAGCCCCGGCGGTCACTGCTCAGCAGGCAAGCACTCAGCCCTTCCG  
 GTGGGGCCATGGGAACAGAGGGTTGCCGAAGGGCGGCCAGCCCTTCCA  
 CATCCCAGAGGGCCTGCTCGTGATTGGACCCGTGAACCTGGTCCCTG  
 GCCCTGGTCTCCCTCACGGCTTGACACTCGAGACTTGAGGTGAACCC  
 CAGGGACTGCAGGGCCCCAACAACCCCTACCAAAGGCCAAGGTGGTAC  
 CGACGGACCCACAGCGGGTGGCTGGGAGTCGAAACTCGCCAGTCTCC  
 ACTCCACTCCCAACCCTGGTGGTCCCCACGCGGGCTGGGAGAGTCTGTGAG  
 GCCGCCACCGCTTGTCACTGAGTCAGCAGGCGAGCCGTAAAGCACAGCC  
 CGGCAACATCGGGCTTCAGACAGGAAAGTGGCCCGAAATGGGACCGGG  
 GTGCCAGCGGCTGTGGGACTCTGTCTGCGGAAACCGCGGTGACGAGC  
 ACAAGCTCGGTCAACTGGATGGGAATCGGCCTGGGGGCTGGCACCGCGC  
 CCACCAAGGGGTTGCCACTTCCCTCTGCCCTCAGCACCCCCACCCCTA  
 CTCTCCAGGAACGTGAGTTCTGAGCCGTGATGGTGGCAGGAAGGGCCCT  
 CTGTGCCATCCGAGTCCCCAGGGACCCGCACTGGCCCCAGCCATGTGC  
 AAAGTATGTGCAGGGCGCTGGCAGGCAGGGAGCAGCAGGCATGGTGTCC  
 CCTGAGGGGAGACAGTGGTCTGGGAGGGAGAAGTC

FIG. 3-3



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FIG. 4

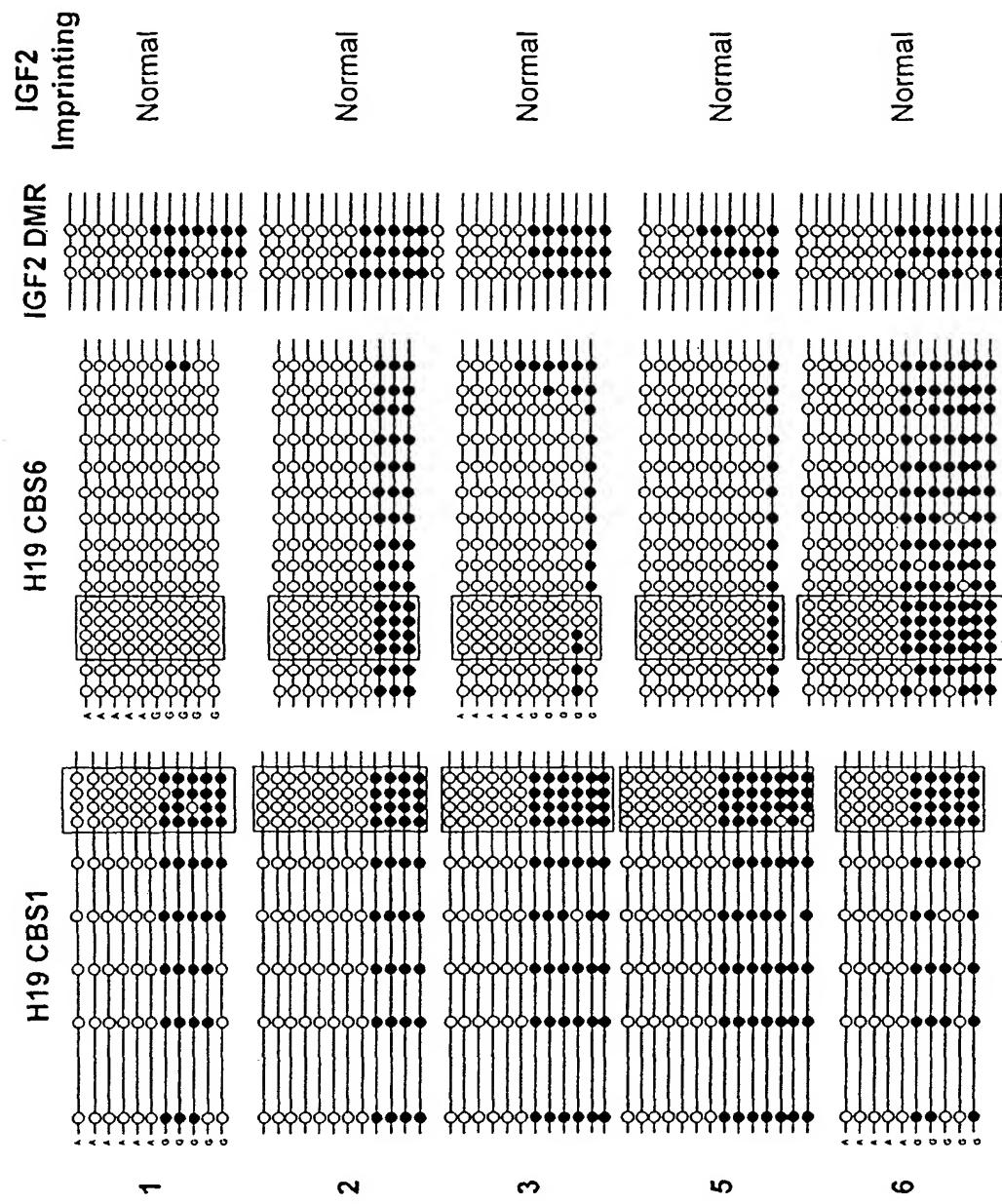


FIG. 5

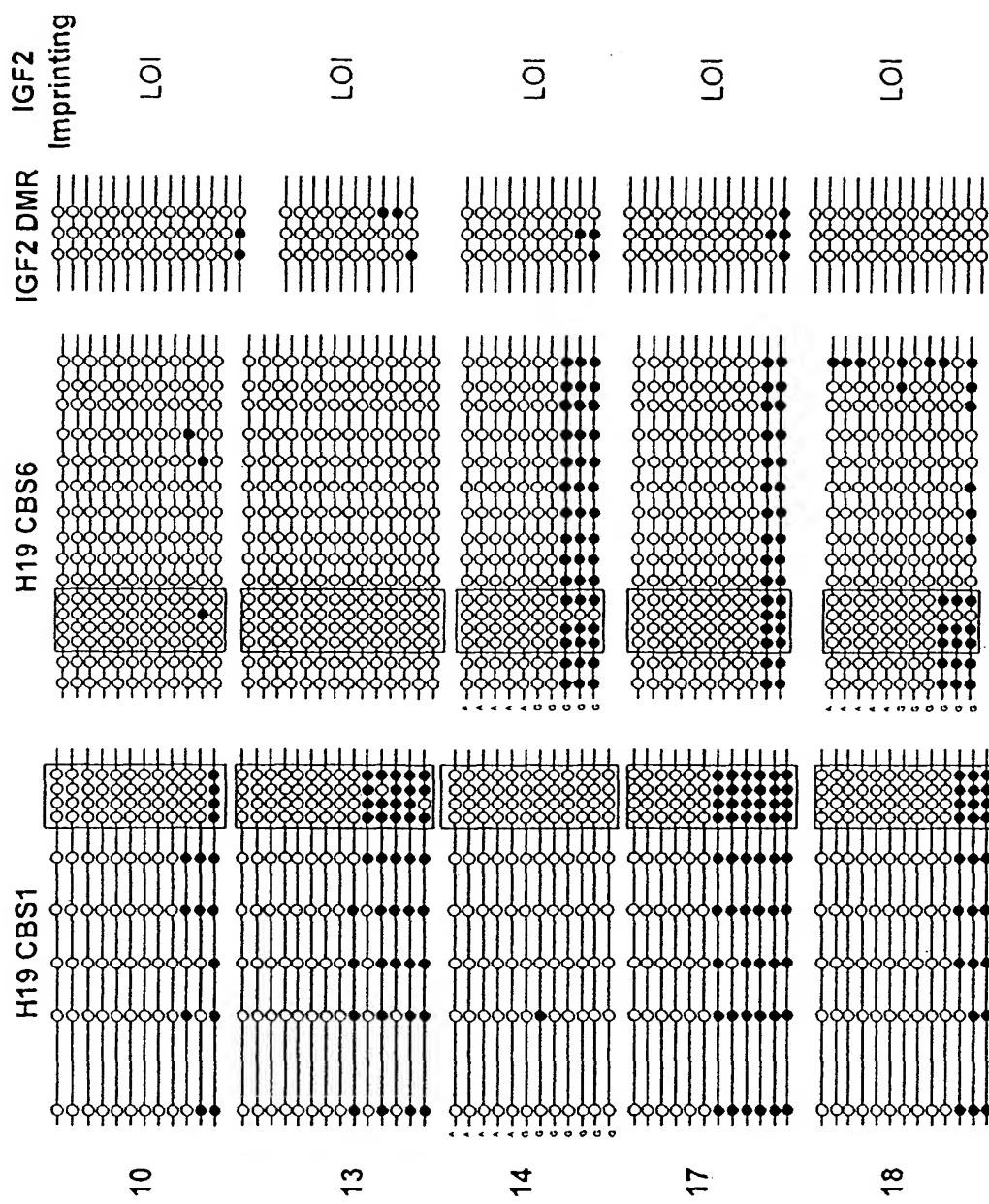


FIG. 6